

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C09K11/02 C09K11/81

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C09K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX, INSPEC, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 101 31 173 A (ITN NANOVAION GMBH) 16 January 2003 (2003-01-16) paragraph '0013! - paragraph '0017!; claims 1,6	1,3-5, 19-22
X	US 2003/032192 A1 (MEYSAMY HEIKE ET AL) 13 February 2003 (2003-02-13) paragraph '0086! paragraph '0181! - paragraph '0189!; claim 22 ----- -/-	1-4, 19-22



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

6 September 2004

Date of mailing of the international search report

16/09/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HAASE M ET AL: "Synthesis and properties of colloidal lanthanide-doped nanocrystals" JOURNAL OF ALLOYS AND COMPOUNDS, ELSEVIER SEQUOIA, LAUSANNE, CH, vol. 303-304, May 2000 (2000-05), pages 191-197, XP004204357 ISSN: 0925-8388 the whole document	1-4, 19-22
X	US 2001/024088 A1 (BECHTEL HANS-HELMUT ET AL) 27 September 2001 (2001-09-27) claim 11	1,2,4, 19,21,22
A	FARMER S C ET AL: "PHOTOLUMINESCENT POLYMER/QUANTUM DOT COMPOSITE NANOPARTICLES" CHEMISTRY OF MATERIALS, AMERICAN CHEMICAL SOCIETY, WASHINGTON, US, vol. 13, no. 11, November 2001 (2001-11), pages 3920-3926, XP001108765 ISSN: 0897-4756 the whole document	1-22
A	US 2003/017264 A1 (TREADWAY JOSEPH A ET AL) 23 January 2003 (2003-01-23) claims; example 4	1-22
A	US 6 207 229 B1 (RODRIGUEZ-VIEJO JAVIER ET AL) 27 March 2001 (2001-03-27) example 3	1-22
A	WO 00/38282 A (UNIV MICHIGAN ; HINKLIN THOMAS (US); LAINE RICHARD M (US); RAND STE) 29 June 2000 (2000-06-29) the whole document	1-22
A	EP 1 076 084 A (PATRA PATENT TREUHAND) 14 February 2001 (2001-02-14) claims 1-4	1-22

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/004573

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